

Notice of Allowability	Application No.	Applicant(s)	
	10/049,757	DURING, BODO VON	
	Examiner Angela J. Martin	Art Unit 1745	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 4/19/04.
2. The allowed claim(s) is/are 1 and 14-26.
3. The drawings filed on 16 July 2002 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date 5/27/04
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.



CAROL CHANEY
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Joseph Bond on May 27, 2004.

The application has been amended as follows:

In claim 1, line 6, please delete the period “ . ” at the end of the sentence.

In claim 1, line 6, please insert --, such that the active material is in contact with itself between two consecutive folds so as to build a homogenous layer of equal thickness between the folded layers. -- .

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The Applicant claims a battery comprising an electrode of lithium-metal or lithium-alloy, an electrode containing an active material intercalating lithium ions, a separator between the electrodes, and a housing enclosing the electrodes and separator with connector tables for both electrodes, characterized by the fact that at

least one of the electrodes is a multi-layer body built by multiple folds and by an equal layer-thickness of the active material between the folded layers, such that the active material is in contact with itself between two consecutive folds so as to build a homogenous layer of equal thickness between the folded layers.

Applicant claims a battery comprising an electrode of lithium-metal or lithium-alloy, an electrode containing an active material intercalating lithium ions, a separator between the electrodes, and a housing enclosing the electrodes and separator with connector tables for both electrodes, characterized by the fact that at least one of the electrodes is a multi-layer body built by multiple folds of carrier material carrying active material, wherein the active material is in contact with itself between two consecutive folds so as to build a homogenous layer of equal thickness between the folded layers.

In the prior art of record, Bakos et al., U.S. Pat. No. 4,761,352, discloses an anode, a separator, and a cathode laminated together in accordion folds; the active material of the electrode is separated from fold to fold by a number of intermediate layers.

However, there is no suggestion in the prior art of record that the lithium coating of one fold comes in contact with the lithium coating in the next fold.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela J. Martin whose telephone number is 571-272-1288. The examiner can normally be reached on Monday-Friday from 9:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AJM

Carol Chaney
CAROL CHANEY
PRIMARY EXAMINER

6/1/04